

CPC input to Weekly Report 3-7 January, 2005

**The National Oceanic and Atmospheric Administration's Climate Prediction Center Participates in American Meteorological Society Annual Meeting:** NCEP's Climate Prediction Center (CPC) scientists will participate in the AMS Annual Meeting in San Diego, California, 9-13 January. *John Janowiak* will present a paper at the 19th Hydrology Conference, titled "CMORPH: A new high-resolution global precipitation analysis system with potential use for hydrologic model data assimilation". He is also co-author of two other papers to be presented at the 16th Conference on Climate Variability and Change: "Diurnal cycle of cloud and precipitation associated with the North American Monsoon System: Preliminary results for 2003 and 2004" and "Quantifying the uncertainties in the long-term trend of global land precipitation as observed in gauge-based analyses". *Brad Pugh* will present a poster titled "Afghanistan weather hazards" in The Climate Assessments, Drought, and Observed Climate Change poster session. The poster details the ongoing work of CPC to alert FEWS-NET personnel on potential weather hazards that may impact food security in Afghanistan. In addition, he will attend a workshop on the hydrology of Central-Southwest Asia. *Kevin Laws* will present a poster entitled "Hazards assessment of the heavy rainfall in Haiti on May 23-24, 2004". The poster gives a synoptic picture and specific details of the devastation. *Marco Carrera* will present the paper "Regional Reanalysis Climatology" at the North American Regional Reanalysis Users Workshop. *Wilbur Chen* will present two papers, "North Atlantic Oscillation: the non-linear aspect and its long-range prediction" at the 16th Symposium on Global Change and Climate Variations and "Impact of flow regimes on the skill of the week 2 forecasts" at the Edward Lorenz Symposium. *Wesley Ebisuzaki* will present a talk at the North America Regional Reanalysis (NARR) user workshop, about user access to NARR data, techniques needed to download large amounts of data and tools for using the data once they obtain it. *Wassila Thiaw* will give an oral presentation in the Global Change session on variability of the Sahel rainfall in the NCEP CFS model. He will also present a poster on the annual cycle and interannual variability in the African RFE climatology (ARC). *Huug Van den Dool* will present two posters in 16th climate variations meeting about areas over land that are sensitive to hydrology, an oral presentation about the Climate Forecast System. *Pingping Xie* will present a paper entitled "Diurnal cycle of cloud and precipitation associated with the North American Monsoon System: Preliminary results for 2003 and 2004" at the 16<sup>th</sup> Symposium on Global Changes and Climate Variations.